

## **The Department of Vermont Health Access Medical Policy**

**Subject: Autologous Platelet-Rich Plasma (PRP) for Chronic Non-Healing Diabetic, Venous and/or Pressure Wounds**

**Last Review:** January 6, 2014

**Revision 3:**

**Revision 2:**

**Revision 1:**

**Original Effective:** January 6, 2014

### **Description of Service or Procedure**

According to CMS:

Platelet-rich plasma (PRP) is produced in an autologous or homologous manner. Autologous PRP is comprised of blood from the patient who will ultimately receive the PRP. Alternatively, homologous PRP is derived from blood from multiple donors.

Blood is donated by the patient and centrifuged to produce an autologous gel for treatment of chronic, non-healing cutaneous wounds that persist for 30 days or longer and fail to properly complete the healing process. Autologous blood derived products for chronic, non-healing wounds includes both: (1) platelet derived growth factor (PDGF) products (such as Procuren), and (2) PRP.

The PRP is different from previous products in that it contains whole cells including white cells, red cells, plasma, platelets, fibrinogen, stem cells, macrophages, and fibroblasts.

The PRP is used by physicians in clinical settings in treating chronic, non-healing wounds, open, cutaneous wounds, soft tissue and bone. Alternatively, PDGF does not contain cells and was previously marketed as a product to be used by patients at home.

### **Disclaimer**

Coverage is limited to that outlined in Medicaid Rule that pertains to the beneficiary's aid category. Prior Authorization (PA) is only valid if the beneficiary is eligible for the applicable item or service on the date of service.



## **Medicaid Rule**

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### 7102.2 Prior Authorization Determination

### 7103 Medical Necessity

Medicaid Rules can be found at <http://humanservices.vermont.gov/on-line-rules>

## **Coverage Position**

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Autologous PRP for chronic non-healing diabetic, venous and/or pressure wounds may be covered for beneficiaries:

- When autologous PRP is prescribed by a licensed medical provider enrolled in the Vermont Medicaid program who is knowledgeable in the use of autologous PRP for chronic non-healing wounds and who provides medical care to the beneficiary AND
- Who meet the clinical guidelines below.

## **Coverage Guidelines**

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Autologous PRP for chronic non-healing diabetic, venous and/or pressure wounds may be appropriate when:

- The beneficiary has a chronic non-healing wound. And
- The beneficiary is enrolled in a clinical study that uses validated and reliable method of evaluation.
  - DVHA will follow CMS's Clinical trial guideline: <http://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNMattersArticles/downloads/MM8213.pdf>

## **Clinical guidelines for repeat service or procedure**

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Clinical criteria must be met for medical necessity.

## **References**

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